IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

	·	ED STATES TATELY.	TAND TRADE	WARK OFFICE	:			
Applicant(s): JAl	NSSEN, Terrance E.							
Docket No.: 315	315.00010101							
Γitle: HE	HEAT EXCHANGE APPARATUS, SYSTEM, AND METHODS REGARDING SAME							
<u>X</u> UTILITY PATE	CAPPLICATION 3-1450 the following document of the APPLICATION:							
X Specification (Abstract);	n (43 consecutively n	numbered pgs, including 3	9claims on 9conse	cutively numbered pg	s and a <u>1</u> pg			
X An Application X An itemized return An Assignment of A check in the ar A certified copy Computer readals of the present approximately	Data Sheet (<u>lpg</u>). rn postcard. of the invention to nount of \$40.00 to pa of a application, So le form of "Sequence	and Recordation Form Co by the Assignment Record erial No, filed, e Listing." Applicants state inputer readable form subn	over Sheet. ing Fee. the right of priority te that the paper co	py form of the "Seque	under 35 U.S.C. §119 ence Listing" section			
Other: X A check in the	ne amount of \$ 642.0	0 to pay the filing fee, w	hich is calculated l	alow:				
X Small Ent	ity Status is entit	tled to be asserted in		ntified applicatio	n.			
		APPLICATION FII	LING FEE					
,	Number of Pending Claims (1)	Claims Included in Basic Filing Fee (2)	Number of Extra Claims (1-2)	Cost per Extra Claim	Fee Required			
Total Claims	39	20	19	x \$9 =	171.			
Independent Clair	ns 5	3	2	x \$43 =	86.			
	One or More Mul	tiple Dependent Claims P	resented? If Yes,	Enter \$145 Here →				
•		Enter Basic Fi	ling Fee (Utility Page	atent-\$385) Here →	385.			
,	. Total Application Filing Fee							
ind please charge ai ire enclosed.	ny additional fees or H & GEBHARDT, P.	EXTENSION OF TIME credit overpayment to l		J. Gebhardt 18 2-305-1216				
CERTIFICATE UND	ER 37 CFR 81.10							
	ng label number: <u>EV</u>	073687789 US	Date	of Deposit: 1/-2	503			

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I hereby certify that the Transmittal Letter and the paper(s) and/or fee(s), as described hereinabove, are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR §1.10 on the date indicated above and is addressed to the Assistant Commissioner for Patents, Mail Stop PATENT APPLICATION, P.O. Box 1450, Alexandria, VA 22313-1450.

(SMALL ENTITY TRANSMITTAL UNDER RULE 1.10)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

HEAT EXCHANGE APPARATUS, SYSTEM, AND METHODS REGARDING SAME

JANSSEN, Terrance E.

315.00010101

Assistant Commissioner for Patents

Mail Stop PATENT APPLICATION

Alexandria, VA 22313-1450

Applicant(s): Docket No.:

P.O. Box 1450

Title:

Abstract); X Drawing X An unsig X Application Data X An itemized return post An Assignment of the A check in the amount A certified copy of a Computer readable for of the present applicat Other: X A check in the am	PPLICATION in consecutively no consecutive no co	ts along with this Transmincluding: ambered pgs, including 3 and Power of Attorney and Recordation Form Co y the Assignment Record rial No, filed, Listing." Applicants stat puter readable form subn to pay the filing fee, wi led to be asserted in	gclaims on gconse (4 pgs). ever Sheet. ing Fee. the right of priority e that the paper contited herewith, are thich is calculated by	cutively numbered pg of which is claimed by form of the "Seque the same. pelow:	s and a <u>1</u> pg under 35 U.S.C. §119 ence Listing" section			
APPLICATION FILING FEE								
	Number of Pending Claims (1)	Claims Included in Basic Filing Fee (2)	Number of Extra Claims (1-2)	Cost per Extra Claim	Fee Required			
Total Claims	39	20	19	x \$9 =	171.			
Independent Claims	5	3	2	x \$43 =	86.			
One or More Multiple Dependent Claims Presented? If Yes, Enter \$145 Here →								
	385.							
			Total Ap	plication Filing Fee	642.			
Please consider this a PE and please charge any ad are enclosed. MUETING, RAASCH & Customer Number: 2681	ditional fees or GEBHARDT, P.	credit overpayment to l	By: Mark Name: Mark Reg. No.: 35,5 Direct Dial: 612	J. Gebhardt 12-305-1216	enter these papers ate copies of this shee			
CERTIFICATE UNDER 3 "Express Mail" mailing lab	oel number: <u>EV</u>			of Deposit: //- &				
I hereby certify that the Tra United States Postal Servic is addressed to the Assistar 22313-1450.	e "Express Mail nt Commissioner By: Ame:	Post Office to Addressee for Patents, Mail Stop P. My Julhart Sandy Tr	e" service under 37	CFR §1.10 on the da ATION, P.O. Box 145	te indicated above and			